



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 27, 2017

Mr. Steven M. Kozak  
Health, Safety & Regulatory Manager  
Surpass Chemical Company, Inc.  
1254 Broadway  
Albany, NY 12204-0165

Subject: Notification per PRN 98-10 – Minor Label Changes  
Product Name: Surchlor (12.5% Sodium Hypochlorite Solution)  
EPA Registration Number: 9359-2  
Application Date: January 18, 2017  
Decision Number: 525548

Dear Mr. Kozak:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Killian Swift at 703-308-6346 or via email at [Swift.Killian@epa.gov](mailto:Swift.Killian@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Wanda G. Fuller, for".

Demson Fuller, Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

# SURCHLOR

(12.5% SODIUM HYPOCHLORITE SOLUTION)

A DISINFECTANT FOR CONTROLLING BACTERIA & ALGAE IN SWIMMING POOLS, USED AS A SANITIZER IN SPAS & HOT TUBS, WELL WATER, MUNICIPAL WATER SUPPLIES, TREATMENT OF SULFUR WATER, SEWAGE, BLEACHING, AND FOR DISINFECTING PIPE, STORAGE TANKS & OTHER SURFACES.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**"DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Irritating to nose and throat. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing vapors. Vacate poorly ventilated area as soon as possible. Do not return until strong odors have dissipated."

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### PHYSICAL AND CHEMICAL HAZARDS: STRONG

**OXIDIZING AGENT:** Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

This product is a strong bleaching agent. Do not spill on clothing, carpet or other fabric. Store containers upright and secure in transit to prevent upset. Caps can loosen in storage. Tighten before moving. Closures also are vented to release pressure build-up, and can leak in transit. If accidentally spilled, rinse immediately with plenty of water. Do not transfer contents to any metal container for storage.

**NOTE:** This product degrades with age. Use a chlorine test kit and increase or decrease dosage, as necessary, to obtain the required level of available chlorine.

### Approximate water dilution table for this product

1 fluid oz. in 1000 gallons of water	1 ppm
1 fluid oz. in 100 gallons of water	10 ppm
1 fluid oz. in 10 gallons of water	100 ppm
1 fluid oz. in 1 gallons of water	1000 ppm

UN 1791, HYPOCHLORITE SOLUTIONS, 8, PG III, ERG 154  
EPA REGISTRATION NO. 9359-02  
EPA EST. NO. 9359-NY-2

## KEEP OUT OF REACH OF CHILDREN

**Causes severe skin burns and eye damage**  
**DANGER**

### FIRST AID:

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice.

### IF ON SKIN OR CLOTHING:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

### IF SWALLOWED:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

## POISON CONTROL CENTER

1-800-222-1222

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

### NOTE TO PHYSICIAN:

Probable Mucosal damage may contraindicate the use of gastric lavage.

See side panel for additional precautionary statements

ACTIVE INGREDIENT:  
SODIUM HYPOCHLORITE 12.5%  
OTHER INGREDIENTS 87.5%  
TOTAL 100.0%

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Swimming pool water should contain proper amounts of chlorine to kill bacteria and prevent the formation of algae and cloudy water.

### SWIMMING POOL WATER DISINFECTION:

For a new pool or spring start-up, super-chlorinate with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6 Adjust and maintain the alkalinity of the pool to between 50 and 100 ppm.

To maintain the pool, add manually or by feeder device 11 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, super-chlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight.

Check the level of available chlorine with a test kit. **Do not reenter pool with a chlorine residual above 4 ppm due to risk of bodily harm.**

At the end of the swimming pool season or when water is too drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

For other end-uses and directions, write or call Surpass Chemical Company for a copy of procedures and recommended dosage rates.

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### STORAGE AND DISPOSAL:

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse empty container but place in trash collection. If a deposit container, return to supplier. Do not contaminate food or feed by storage, disposal or cleaning of equipment.



## SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES

**RINSE METHOD** — A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to re-establish a 200 ppm residual. Do not rinse equipment with water after treatment, and do not soak equipment overnight.

Sanitizers used in automated systems may be used for general cleaning, but may not be re-used for sanitizing purpose.

**CLEAN-IN-PLACE METHOD** — Thoroughly clean equipment after use. Prepare a volume of 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer, and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine.

## CONTAINER HANDLING AND DISPOSAL:

**For Industrial Products** (for rigid, non-refillable containers larger than 5 gallons)

**Container Handling:** Non-refillable rigid container. Do not reuse or refill this container.

**Residue Removal:** To clean the container for final disposal, Triple rinse (or equivalent) as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for at least 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over on its other end and flip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## NOTIFICATION

9359-2

The applicant has certified that no changes, other than those reported to the Agency have been made to the label. **LOT NUMBER** acknowledges this notification by letter dated:

02/27/2017

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## RETURNABLE CONTAINER

**DANGER!** TO AVOID POSSIBLE INJURY, DO NOT HANDLE ANY OTHER PRODUCT IN THIS CONTAINER, REFUND OF DEPOSIT SUBJECT TO INSPECTION AFTER RETURN TO OUR PLANT IN REUSABLE CONDITION VIA SURPASS TRUCKS OR BUYER / BUYER'S AGENT FREIGHT PREPAID, TRIPLE RINSE WHEN EMPTY. ALL ORIGINAL CAPS, COVERS, PLUGS, OR BUNGS MUST BE REPLACED AND TIGHT BEFORE RETURN.



## SURPASS CHEMICAL COMPANY, INC.

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Email sales@surpasschemical.com www.surpasschemical.com

## 24 HOUR EMERGENCY ASSISTANCE CALL:

CHEMTREC 1-800-424-9300  
FOR INDUSTRIAL USE ONLY!  
KEEP OUT OF REACH OF CHILDREN